

In the claims:

1. A storage processing device, comprising:

an input/output module including:

port processors to receive and transmit network traffic; and

a switch coupling said port processors; and

a control module coupled to said input/output module, said input/output module and said control module being configured to interactively support asynchronous data journaling.

2. The storage processing device of claim 1, wherein said port processors

include table information relating to asynchronous data journaling and wherein said

control module is coupled to said table information to maintain said table information

for asynchronous data journaling.

3. The storage processing device of claim 1, wherein said port processors

perform the data and command replication and response gathering to support

asynchronous data journaling.

4. The storage processing device of claim 3, wherein said port processors

include a dirty region log and wherein said port processors update said dirty region

log when a new region is written.

5. The storage processing device of claim 3, wherein said port processors

prepare journal log entries and write said log entries to support asynchronous data

journaling.

6. The storage processing device of claim 5, wherein said port processors

include a dirty region log and wherein said port processors update said dirty region

log when a new region is written.

7. A fabric for coupling at least one host and at least two storage devices,

the fabric comprising:

at least one switch for coupling to the at least one host and the at least two

storage devices; and

a storage processing device coupled to the at least one switch and for coupling to the at least one host and the at least two storage devices, the storage processing device including:

an input/output module including:

port processors to receive and transmit network traffic; and

a switch coupling said port processors; and

a control module coupled to said input/output module, said input/output module and said control module being configured to interactively support asynchronous data journaling.

8. The fabric of claim 7, wherein said port processors include table information relating to asynchronous data journaling and wherein said control module is coupled to said table information to maintain said table information for asynchronous data journaling.

9. The fabric of claim 7, wherein said port processors perform the data and command replication and response gathering to support asynchronous data journaling.

10. The fabric of claim 9, wherein said port processors include a dirty region log and wherein said port processors update said dirty region log when a new region is written.

11. The fabric of claim 9, wherein said port processors prepare journal log entries and write said log entries to support asynchronous data journaling.

12. The fabric of claim 11, wherein said port processors include a dirty region log and wherein said port processors update said dirty region log when a new region is written.

13. A network comprising:

at least one host;

at least two storage devices; and

a fabric coupling the at least one host and the at least two storage devices, the fabric comprising:

at least one switch for coupling to the at least one host and the at least two storage devices; and

a storage processing device coupled to the at least one switch and for coupling to the at least one host and the at least two storage devices, the storage processing device including:

an input/output module including:

port processors to receive and transmit network traffic;

and

a switch coupling said port processors; and

a control module coupled to said input/output module, said input/output module and said control module being configured to interactively support asynchronous data journaling.

14. The network of claim 13, wherein said port processors include table information relating to asynchronous data journaling and wherein said control module is coupled to said table information to maintain said table information for asynchronous data journaling.

15. The network of claim 13, wherein said port processors perform the data and command replication and response gathering to support asynchronous data journaling.

16. The network of claim 15, wherein said port processors include a dirty region log and wherein said port processors update said dirty region log when a new region is written.

17. The network of claim 15, wherein said port processors prepare journal log entries and write said log entries to support asynchronous data journaling.

18. The network of claim 17, wherein said port processors include a dirty region log and wherein said port processors update said dirty region log when a new region is written.

19. A method for supporting in asynchronous data journaling a storage processing device, comprising:

providing an input/output module including:

port processors receiving and transmitting network traffic; and

a switch coupling said port processors; and

providing a control module coupled to said input/output module, said input/output module and said control module being configured to interactively support asynchronous data journaling.

20. The method of claim 19, wherein said port processors include table information relating to asynchronous data journaling and wherein said control module is coupled to said table information to maintain said table information for asynchronous data journaling.

21. The method of claim 19, wherein said port processors perform the data and command replication and response gathering to support asynchronous data journaling.

22. The method of claim 21, wherein said port processors include a dirty region log and wherein said port processors update said dirty region log when a new region is written.

23. The method of claim 21, wherein said port processors prepare journal log entries and write said log entries to support asynchronous data journaling.

24. The method of claim 235, wherein said port processors include a dirty region log and wherein said port processors update said dirty region log when a new region is written.